



## Protecting U.S. Animal Health

### Animal Disease Prevention and Management Programs Funded by the 2018 Farm Bill

The U.S. Department of Agriculture's (USDA) Animal and Plant Health Inspection Service (APHIS) protects the health of our Nation's flocks and herds. With funding from the 2018 Farm Bill, we have significantly strengthened U.S. efforts to prevent, prepare for, and respond to animal disease outbreaks. We established two new programs: the National Animal Disease Preparedness and Response Program and the National Animal Vaccine and Veterinary Countermeasures Bank. We also used funding to bolster our National Animal Health Laboratory Network. Together these programs are safeguarding U.S. animal health and protecting the livelihoods of U.S. farmers and ranchers.



### National Animal Disease Preparedness and Response Program

Preparing for an emergency is as important as preventing one. That's why APHIS works with stakeholders at all levels to make sure the United States is ready to respond to the most critical animal health threats facing livestock industries today. Through the National Animal Disease Preparedness and Response Program, APHIS partners with States, Tribes, producer organizations, universities, and others to carry out projects that enhance local, regional, and national capabilities to prevent, prepare for, and respond to animal disease outbreaks. This work is vital for a strong U.S. safeguarding system, a secure food supply, and the continued health of America's animals. Since 2019, APHIS has **provided over \$40 million to support more than 180 projects**. These projects have:

- ✓ Helped States develop and practice plans to quickly control high-consequence animal disease outbreaks
- ✓ Trained State and Federal responders and producers to perform critical activities to halt a disease outbreak
- ✓ Increased producer use of effective and practical biosecurity measures
- ✓ Developed new carcass disposal and decontamination techniques
- ✓ Helped States prepare and test animal movement plans for disease outbreak scenarios
- ✓ Improved understanding about risks to help producers conduct business without spreading disease
- ✓ Educated livestock owners on preventing disease and what happens in an outbreak



## National Animal Health Laboratory Network

This nationwide network of more than 60 Federal, State, and university veterinary diagnostic laboratories tests for economically devastating and potentially zoonotic diseases. It is a vital early warning system for threats to U.S. food animals, protecting animal health, public health, and the Nation’s food supply. APHIS has **provided more than \$21 million above the network’s annual appropriations**, with \$7.5 million planned in FY 2023, to:

- ✓ Increase diagnostic testing capability and capacity
- ✓ Enhance biosafety and biosecurity
- ✓ Support quality management and accreditation
- ✓ Enhance electronic reporting and data transmission
- ✓ Increase emergency preparedness, training, and outreach



## National Animal Vaccine and Veterinary Countermeasures Bank

APHIS has **invested more than \$56 million**, with \$15 million planned for FY 2023, to amass a stockpile of foot-and-mouth vaccine. We’ve also started accumulating foreign animal disease diagnostic test kits and are planning for additional types of vaccines and countermeasures to make sure the United States is well-prepared for future emergencies. The vaccine bank:

- ✓ Serves as a U.S. stockpile of veterinary countermeasures against foot-and-mouth disease and other serious foreign animal diseases
- ✓ Supports critical U.S. response activities in case of an outbreak
- ✓ Augments the vaccine supply available to the United States through the North American Foot-and-Mouth Disease Vaccine Bank

### Case Study: Preparing for Foot-and-Mouth Disease

APHIS’ Farm Bill-funded programs work in concert to turn ideas into action. For example, as the National Animal Vaccine and Veterinary Countermeasures Bank is stockpiling foot-and-mouth disease vaccine, States are using National Animal Disease Preparedness and Response Program funds to develop and practice emergency vaccine distribution plans. This is helping them prepare for the logistical challenges of rapidly and efficiently distributing vaccine during an outbreak. National Animal Health Laboratory Network members are using Farm Bill funds to enhance their ability to rapidly detect foot-and-mouth and other high-consequence diseases. In an outbreak, rapid testing will help responders quickly identify where to deploy countermeasures to stop disease spread.



### Learn More

Read about these programs and explore funding opportunities at [www.aphis.usda.gov/aphis/resources/farmbill](http://www.aphis.usda.gov/aphis/resources/farmbill)